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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/628,057	07/23/2003	Edward N. Hill	8789-16CT2	3292
20792	7590	08/02/2006	EXAMINER	
MYERS BIGEL SIBLEY & SAJOVEC			BADIO, BARBARA P	
PO BOX 37428			ART UNIT	PAPER NUMBER
RALEIGH, NC 27627			1617	

DATE MAILED: 08/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/628,057	HILL ET AL.	
	Examiner Barbara P. Badio, Ph.D.	Art Unit 1617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1,4-6,10,13-18,21,24-29 and 32-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 1,4-6,10,13-15,17,18,21,24-29 and 32 is/are allowed.
- 6) Claim(s) 16,33 and 34 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                    | Paper No(s)/Mail Date. ____ .   |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ . | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|   | 6) <input type="checkbox"/> Other: ____ .                                   |

**Final Office Action on the Merits**

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

***Status of the Application***

2. Claims 1, 4-6, 10, 13-18, 21, 24-29 and 32-34 are pending in the present application.

***Claim Rejections - 35 USC § 112***

3. **The rejection of claims 33 and 34 under 35 USC 112, first paragraph is maintained.**

Applicant argues that there is no per se prohibition against a "broad disclosure" serving as the basis for support for a claim to a particular species. According to applicant, the claimed compounds are "at least reasonably" communicated to the skilled artisan where the disclosure of "glucuronide" as a substituent provides support for the presently claimed compounds, wherein "NaC<sub>6</sub>H<sub>8</sub>O<sub>7</sub>" is an example of a glucuronide. Additionally, applicant argues the spectral data provides further support for the presently claimed compounds. Applicant's argument was considered but not persuasive for the following reasons.

35 USC 112 requires that specification provides description of the claimed invention in full, clear, concise and exact terms to enable the skilled artisan to make and

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use the same. The present specification lacks description of the instant compounds and, thus, it does not enable the skilled artisan to make and/or use the instantly claimed compounds. As stated in the previous Office Action, the broad disclosure of glucuronide does not provide support for the presently claimed compounds. The spectral data does not provide support because the present specification does not correlate said data to the claimed compounds (see original claims 8 and 9).

For these reasons and those given in the previous Office Action, the rejection of claims 33 and 34 under 35 USC 112, first paragraph is maintained.

4. Claim 16 recites the limitation "wherein said compound is in conjugated form" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Note: Parent claim 10 does not recite a conjugate of the claimed compounds.

***Claim Rejections - 35 USC § 103***

5. **The rejection of claims 1, 4-6, 10, 13-18, 21, 24-29 and 32 under 35 USC 103(a) over Harnik (IL 25265) is withdrawn.**

6. **The rejection of claim 7 under 35 USC 103(a) over Harnik (IL 25265) is made moot by the cancellation of the instant claim.**

***Allowable Subject Matter***

7. Claims 1, 4-6, 10, 13-15, 17-18, 21, 24-29 and 32 are allowed.

***Conclusion***

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Telephone Inquiry***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara P. Radio, Ph.D. whose telephone number is 571-272-0609. The examiner can normally be reached on M-F from 6:30am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sreenivasan Padmanabhan can be reached on 571-272-0629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Barbara P. Radio, Ph.D.  
Primary Examiner  
Art Unit 1617

BB

July 25, 2006